

CLAIMS

What is claimed is:

55 A. 1. A computer implemented method for selectively applying at
2 least one of a plurality of imaging related options to at least one of a plurality of
3 pages of data, comprising:
4 selecting at least one of the plurality of imaging related options to
5 form selected options; and
6 assigning the selected options to an arbitrary one or more of the
7 plurality of pages of data.

1 2. The computer implemented method as recited in claim 1,
2 further comprising:
3 sending the plurality of pages of data to at least one imaging device;
4 and
5 forming images on media corresponding to each of the plurality of
6 pages of data based upon the selected options.

1 3. The computer implemented method as recited in claim 2,
2 further comprising:
3 executing a first set of instructions on a computer to generate the
4 plurality of pages of data before selecting at least one of the plurality of imaging
5 related options.

1 4. The computer implemented method as recited in claim 3,
2 wherein:
3 assigning the selected options to the arbitrary one or more of the
4 plurality of pages of data includes executing a second set of instructions on the
5 computer.

1 5. The computer implemented method as recited in claim 4,
2 wherein:

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3 sending the plurality of pages of data to the at least one imaging
4 device includes executing a third set of instructions on the computer, with the
5 first set of instructions for communicating with the at least one imaging device
6 through the third set of instructions.

1 6. The computer implemented method as recited in claim 2,
2 wherein:

3 the plurality of imaging related options includes an option for sending
4 the arbitrary one or more of the plurality of pages of data to any of a plurality of
5 the imaging devices.

1 7. The computer implemented method as recited in claim 6,
2 wherein:

3 the option for sending the arbitrary one or more of the plurality of
4 pages of data to any of the plurality of the imaging devices includes sending at
5 least one page of data including color data to a first one of the plurality of the
6 imaging devices capable of color imaging; and

7 sending at least one page including only monochrome data to a
8 second one of the plurality of the imaging devices capable of monochrome
9 imaging.

1 8. The computer implemented method as recited in claim 2,
2 wherein:

3 the plurality of imaging related options includes any of a plurality of
4 media sources; and

5 assigning the selected options to the arbitrary one or more of the
6 plurality of pages of data includes assigning any of the plurality of media
7 sources to the arbitrary one or more of the plurality of pages of data.

1 9. The computer implemented method as recited in claim 2,
2 wherein:

3 the plurality of imaging related options includes a watermark; and

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4 assigning the selected options to the arbitrary one or more of the
5 plurality of pages of data includes assigning the watermark to the arbitrary one
6 or more of the plurality of pages of data.

1 10. The computer implemented method as recited in claim 2,
2 wherein:
3 assigning the selected options to the arbitrary one or more of the
4 plurality of pages includes using at least one of a page range selected from a
5 group including first page, last page, even pages, odd pages, and current page.

1 11. The computer implemented method as recited in claim 2,
2 wherein:
3 the plurality of imaging related options includes an option for forming
4 images of at least two of the plurality of pages on each unit of the media.

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2 12. A system for generating data used to form images on media
3 with at least one imaging device, comprising:
4 a processor to execute a first set of instructions to generate the data,
5 with the first set of instructions configured to form a plurality of pages from the
6 data and to execute a second set of instructions, with the second set of
7 instructions configured to allow selection of at least one of a plurality of imaging
8 related options to form selected options and configured to allow assignment of
9 the selected options to an arbitrary one or more of the plurality of pages of data;
10 a memory coupled to the processor and configured to store the first
11 set of instructions and the second set of instructions; and
12 an interface coupled between the processor and the at least one
imaging device.

1 13. The system as recited in claim 12, wherein:
2 the second set of instructions includes a configuration to send at least
3 one page of data including color data to a first of the at least one imaging device
4 capable of color imaging and a configuration to send at least one page including

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only monochrome data to a second of the at least one imaging device capable of monochrome imaging.

14. The system as recited in claim 13, wherein:
the second set of instructions includes a configuration to provide an option to form images on the media corresponding to the plurality of pages using any of a plurality of media sources for any of the plurality of pages; and
the second set of instructions includes a configuration to allow assignment of the selected options using at least one of a page range selected form a group including first page, last page, even pages, odd pages, and current page.

15. A storage device including functional information for use with a first set of computer executed instructions used to generate a plurality of pages of data, comprising:
a computer readable medium; and
a second set of computer executed instructions included in the functional information and stored on the computer readable medium, with the second set of computer executed instructions having a configuration to allow selection of at least one of a plurality of imaging related options to form selected options and having a configuration to allow assignment of the selected options to an arbitrary one or more of the plurality of pages of data.

16. The storage device as recited in claim 15, wherein:
the plurality of imaging related options includes an option to send the arbitrary one or more of the plurality of pages of data to any of a plurality of imaging devices.

17. The storage device as recited in claim 16, wherein:
the option for sending the arbitrary one or more of the plurality of pages of data to any of the plurality of the imaging devices includes a configuration to send at least one page of data including color data to a first one

of the plurality of the imaging devices configured for color imaging; and
the option for sending the arbitrary one or more of the plurality of
pages of data to any of the plurality of the imaging devices includes a
configuration to send at least one page including only monochrome data to a
second one of the plurality of the imaging devices configured for monochrome
imaging.

18. The storage device as recited in claim 15, wherein:
the plurality of imaging related options includes any of a plurality of
media sources; and
the configuration to allow assignment of the selected options to the
arbitrary one or more of the plurality of pages of data includes a configuration to
allow assignment of any of the plurality of media sources to the arbitrary one or
more of the plurality of pages of data.

19. The storage device as recited in claim 15, wherein:
the configuration to allow assignment of the selected options to the
arbitrary one or more of the plurality of pages includes a configuration to allow
assignment to at least one of a page range selected from a group including first
page, last page, even pages, odd pages, and current page.

20. The storage device as recited in claim 15, wherein:
the plurality of imaging related options includes a watermark; and
the configuration to allow assignment of the selected options to the
arbitrary one or more of the plurality of pages of data includes a configuration
to allow assignment of the watermark to the arbitrary one or more of the
plurality of pages of data.